BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at G.K. Muniyappa Garden in ward No. 10, Vidyaranyapura sub Division.

			Estimate Cost Rs.					1500000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2 / PWD SR 2013-14**	Cum							
	Apoova Apartment Opp 2nd Cross		1	215.00	1.00	0.90	193.50		
							193.50	90.72	**17554.00**
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	**90.72**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M 7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12 / Item No. 4.3 / PWD SR 2013-14**	Cum							
	Apoova Apartment Opp 2nd Cross		1	215.00	1.00	0.15	32.25		
							32.25	4290.84	**138380.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17 / Item No. 4.31 / PWD SR 2013-14**	Sqm							
	2nd Cross		4	215.00		0.60	516.00		
	2nd Cross		1	160.00	0.60		96.00		
	2nd Cross		2	160.00		0.10	32.00		
							644.00	271.08	**174576.00**
	Basic Rate	251.00							
	Area Weightage @8%	20.08							
	Total	**271.08**							

Jadhav
AE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **Page No. 13 / Item No. 4.11 / PWD SR 2013-14**	Cum							
	2nd Cross		1	215.00	1.00	0.15	32.25		
	2nd Cross		2	215.00	0.15	0.60	38.70		
	2nd Cross		1	160.00	0.90	0.10	14.40		
							85.35	5639.76	**481354.00**
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	**5639.76**							
5	KSRB 4.9.2: Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500 Page No. 19 / Item No. 4.46.2 / PWD SR 2013-14**	Qtl							
			0.80	85.35			68.28		
							68.28	7450.92	**508749.00**
	Basic Rate	6899.00							
	Area Weightage @ 8%	551.92							
	Total	**7450.92**							
	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. **From 0.00 to 2.00 Km** (PWD SR Rates P No 123)	Cum							
			Qty. Vide Item No. 1				**183.83**	100.07	**18396.00**
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 TX 11.90Km X 2.0/km= 30.46	30.46							
	Add: loading and unloading Charges **It No 17.1 KSRB M 100-1**	62.20							
		92.66							
	Area Weightage @ 8%	7.41							

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Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	100.07							
7	Sub Total								1339009.00
8	KRIDL Charges @ 11%								147291.00
9	Third Party Inspection Charges @ 1%								13390.00
10	Miscellaneous and unforeseen charges	L/S							310.00
								Total	1500000.00

(Rupees Fifteen Lakhs Only)

Certificate:

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per PWD SR of 2013-14.
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Modified Technical Sanction.

Sanction for Rs. 1500000/-

Fifteen lakh only

Registered as Bill No. ..... Dated ..... Subject to conditions contained enclosed memo.

No: ..... Dt. 21/02/14

AE/JE

EE (BTP.Div.)